

SPECIFICATION FOR APPROVAL

| | | | |
|----------|-------------------------|-------------|-----------------|
| CUSTOMER | | CUST P/N. | |
| ITEM | Toroidal Coil Inductors | Description | TM221412N-351-B |
| PART NO. | 302-88524 | DATE | 2016.2.24 |

| | | | | |
|--------------------------------------|--|----------|-----------|----|
| <p>(1) DIMENSION(UNIT:mm)</p> | | A | 32.5(Max) | mm |
| | | B | 30.0(Max) | mm |
| | | C | 3.2 ± 0.5 | mm |
| | | D | 23.0(Max) | mm |
| | | E | 13.0± 1.0 | mm |
| | | F | 5.0±1.0 | mm |
| | | G | 3.0±0.3 | mm |
| | | H | 1.5±0.2 | mm |
| | | J | 3.25±0.3 | mm |
| | | | | mm |

(2) ELECTRICAL REQUIREMENTS

| TEST CONDITION | | FREQUENCY | | (3) TEST INSTRUMENTS | |
|-----------------|--------------|-----------|-------|----------------------|---------------------------------|
| | | VOLTAGE | | LCR-METER: | |
| $L_{1-4=2-3}$ | 350.0μH(Min) | 1KHz | 0.25V | V | HP-4291A WK3260B |
| $DCR_{1-4=2-3}$ | 5.0mΩ(Max) | KHz | V | V | LCR-METER: WK3260B |
| IDC | 40.0A(Max) | 1KHz | 0.25V | V | DC RESISTANCE METER: WK3260B |
| | | KHz | V | | DC RESISTANCE METER: WK3260B |

(4) TURNS: 6Ts(REF)

(5) MATERIAL LIST

| ITEM | MATERIAL | DESCRIPTION | Supplier of the material | UL |
|------|----------|-------------|--------------------------|----|
| 1 | CORE | | | |
| 2 | WIRE | | | |
| 3 | PCB | | | |
| 4 | EPOXY | | | |

| | | | |
|---------|----------|---------|----------|
| REMARK: | APPROVED | CHECKED | DRAWN BY |
| | 姜杰文 | 姜法寶 | 王艷 |

TEST DATA FOR PREPRODUCTION SAMPLES

| | | | | | | | | | | | | |
|-----------------------|------------------------------------|--------------------------------|-----------------------------|-----------------|-----------|-------------------|----------------|-----------------|------------|--|--|--|
| CUSTOMER: | | | Part No. | 302-88524 | | Test Q'ty: | 3 | | PCS | | | |
| CUST P/N. | | | Description: | TM221412N-351-B | | | Date: | 2016.2.24 | | | | |
| MEASURE ITEM | L _{1~4=2~3} (uH) | DCR _{1~4=2~3} (mΩ) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | | | | |
| SPECIFIC | 350.0 | 5.0 | 32.5 | 30.0 | 3.2 | 23.0 | 13.0 | 5.0 | | | | |
| SUGGEST | Min | Max | Max | Max | ±0.5 | Max | ± 1.0 | ± 1.0 | | | | |
| 1 | 624.0 | 3.5 | 29.98 | 27.88 | 3.39 | 19.80 | 13.78 | 5.09 | | | | |
| 2 | 549.2 | 2.5 | 30.12 | 28.22 | 3.32 | 19.77 | 13.80 | 5.03 | | | | |
| 3 | 528.0 | 2.5 | 29.99 | 28.41 | 3.28 | 20.15 | 13.22 | 4.99 | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| X | | | | | | | | | | | | |
| R | | | | | | | | | | | | |
| TEST CONDITION | INSTRUMENTS: | | WK3260B | | | | AT: | 1KHz | 0.25V | | | |
| | ENVIORMENTS: | | TEMP:25 degree HUMDITY :65% | | | | | | | | | |
| | STORAGE TEMPERATURE RANGE | | | | -40℃~+85℃ | | | | | | | |
| | OPERATING TEMPERATURE RANGE | | | | -25℃~+85℃ | | | | | | | |
| REMARK: | | | | | | APPROVED | CHECKED | DRAWN BY | | | | |
| | | | | | | 姜杰文 | 姜法寶 | 王艷 | | | | |